

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 2-methoxy-pyridin-4-ylmethyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 3-methoxy-benzyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-methoxy-benzyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-fluoro-benzyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-chloro-benzyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-bromo-benzyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-iodo-benzyl ester;

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-dimethylamino-benzyl ester; and

3-Benzyl-4-oxo-3,5,7,8-tetrahydro-4H-pyrido[4,3-d]pyrimidine-6-carboxylic acid 4-methylsulfanyl-benzyl ester; or

a pharmaceutically acceptable salt thereof.

Claim 10 (original). A pharmaceutical composition, comprising a compound according to Claim 1, or a pharmaceutically acceptable salt thereof, admixed with a pharmaceutically acceptable carrier, excipient, or diluent.

Claim 11 (currently amended).

EX A
The pharmaceutical composition ~~according to Claim 10~~ ^{according to} comprising a compound according to ~~as in~~ Claim 7 or 9, or a pharmaceutically acceptable salt thereof, admixed with a pharmaceutically acceptable carrier, excipient, or diluent.

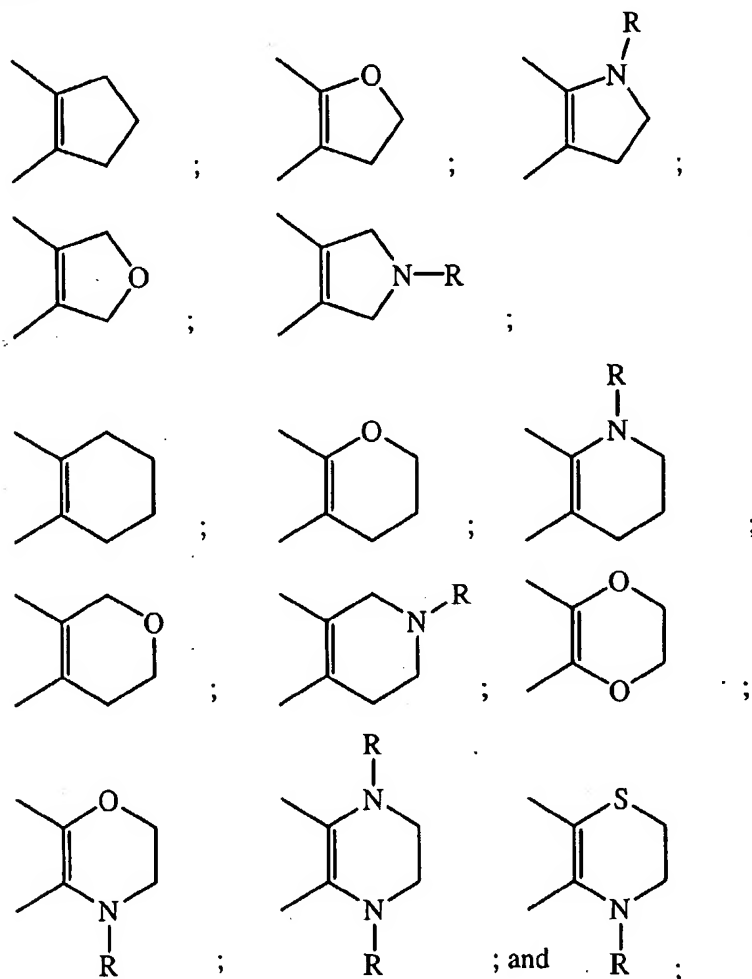
Claim 12 (original). A method for treating arthritis, comprising administering to a patient suffering from an arthritis disease a nontoxic antiarthritic effective amount of a compound according to Claim 1, or a pharmaceutically acceptable salt thereof.

Claim 13 (original). The method according to Claim 12, wherein the arthritis is osteoarthritis or rheumatoid arthritis.

Ex A
Claim 14 (currently amended). *Rewrite* The method according to Claim 13, wherein the compound according to Claim 1 is a compound according to as in Claim 7 or 9. *} →*

Claim 15 (new). The compound according to Claim 1, wherein Q is $\text{CH}(\text{R}^5)\text{C}(\text{O})$.

Claim 16 (new). The compound according to Claim 1, wherein R^1 is substituted phenyl-(C_1 - C_8 alkylenyl).



R is H or C₁-C₆ alkyl;

G is CH₂, O, S, S(O), or S(O)₂;

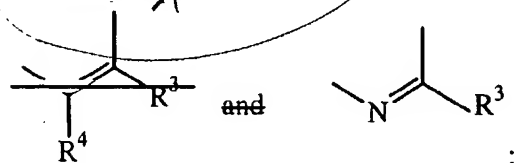
m is an integer of 0 or 1;

Y¹ is CH₂, C(O), or S(O)₂;

Y² is C(O);

Y³ is N(R⁴); or

Y² and Y³ ~~may be~~ taken together to form a diradical group selected from:



R³ is independently selected from the groups:

EX 71

H;
CH₃;
CH₃O;
CH=CH₂;
HO;
CF₃;
CN;
F; and

Cl;

R⁴ is independently selected from the groups:

H;
CH₃;
CH₃O;
HO;
CF₃; and
CN; and

wherein R⁴ is bonded to a carbon atom, R⁴ may further independently be halo or CO₂H;

Q is selected from:

OC(O);
CH(R⁵)C(O);
OC(NR⁵);
CH(R⁵)C(NR⁵);
N(R⁵)C(O);
N(R⁵)C(S);
N(R⁵)C(NR⁵);
CH₂N(R⁵);
SC(O);
CH(R⁵)C(S);
SC(NR⁵);

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Ex-A